



# Packaging Waste Primary, Secondary and Transport

Tosca Reusable Solutions



# Reduce Reuse Recycle

Until recently the default for packaging waste seems to be recycling, with reduce and reuse being somewhat ignored.



***Better to eliminate unnecessary packaging and focus on reuse with recycling as the resulting endpoint, not the only solution***

**Tosca reusable assets help reduce primary packaging, are reusable then fully recyclable!**

*Tosca assets are reusable >100 times*

*While designed as transport packaging, Tosca reusables can be used as is in retail stores, eliminating the need for additional presentation systems*

*Tosca assets are fully recyclable*

*Recycling of single-use packaging still has an environmental footprint*

*The protection provided by the rigid RPC allows less primary packaging, corner boards and slip sheets to be needed*



*If 1 x RPC replaces 100 x cardboard boxes, think how much the footprint is reduced*

*Tosca reusables are generally exempt from Extended Producer Responsibility fees*



# 2025 Sustainability Certificate

Together we are revolutionizing the flow of goods through the supply chain, eliminating waste at every turn

By using Tosca's RPCs compared to single-use Corrugated boxes you have achieved the following reductions^....

and saved the equivalent of....



^Environmental savings are calculated using the EcolImpact LCA software and activity related data held by Tosca

Global Head of Sustainability

An example of our annual sustainability certificate with data you can use for your Annual Sustainability Report or internal communications

\*based on 50% recycled content of corrugated boxes



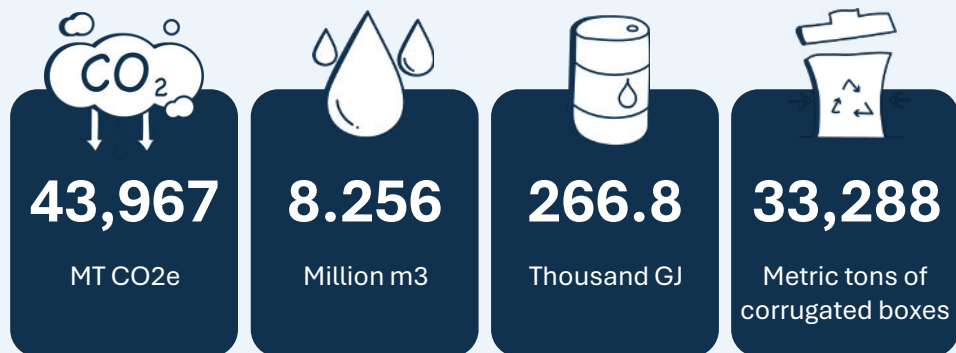
# Sustainability Report

Together we are revolutionizing the flow of goods through the supply chain, eliminating waste at every turn

An example of our annual sustainability report with data you can use for your Reporting

Your scope 3 GHG emissions<sup>^</sup> associated with Tosca's services = **8,897 metric tons CO<sub>2</sub>e**  
**VS**  
GHG emissions<sup>^</sup> you would have emitted using corrugated boxes = **52,864 metric tons CO<sub>2</sub>e**

## In partnership, we have saved...



## Assets within Tosca's control are 100% recycled at end of life

**50%** Average recycled content in assets  
**80** Average # turns made by the assets before end-of-life

Global Head of Sustainability

<sup>^</sup>Environmental savings are calculated using the EcoImpact LCA software and activity related data held by Tosca

## Lets discuss fees.....

- A reusable crate can be used 100 times vs one time per corrugated box
- Therefore an EPR fee for cardboard has to be multiplied by 100 times while an EPR fee (if charged) is only charged once on a Tosca RPC!
- And while earnings from recycling corrugated boxes may off set some of the EPR fees, the anticipated increase in volume of corrugated entering the market is likely to depress the cost/ton currently paid.
- **And those costs do not include the increased admin costs of all that reporting.....**

### The life of an RPC

An RPC can be used on average 100 times before recycling



A cardboard box can only be used once before recycling (or disposal!)



Need 100 x as many cardboard boxes to do the work of 1 RPC

*Less waste needs to be handled*

*Elimination of additional packaging  
such as primary packaging, corner  
boards, slip sheets reduces purchasing  
cost and recycling costs*

*Elimination of Extended Producer  
Responsibility fees*

*Fewer emissions and much lower water  
use over the lifecycle of the packaging  
than single-use alternatives*

## **Benefits of RPCs** **On Total Cost of** **Operation**

Packaging waste is an element of  
the TCOOP which is often  
overlooked.

# Our 2030 Goals



## Circular Products

- **Products purposefully designed to be 100% circular;** comply with relevant packaging and food related regulations; reduce food loss, damage and shrink; support automated handling systems; reduce labor needs and minimize transportation needs

# Learn more about Reusables and Waste Reduction



1 million tons of corrugated cardboard diverted from supply chains



8 reasons why RPCs outmatch corrugated cardboard boxes



Achieve zero waste goals with reusable containers from Tosca



Corrugated is crushing your supply chain efficiency. Are reusables the solution?



Beverages in an innovative partnership to drive efficiency, safety and sustainability



Limiting single-use plastics



Brookshire Brothers: From Corrugated Bottlenecks to Better Days with Tosca RPCs



How reusable packaging upgrades your supply chain

# Learn more about Reusables and Waste Reduction



The hidden costs of corrugated boxes for the poultry industry



Efficiently store and transport bulk ingredients with food-grade IBC totes



Optimizing your supply chain with collapsible bulk containers